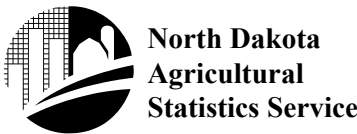


NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: July 12, 2004
For Week Ending: July 11, 2004
ND-CW2804

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Rains were welcomed in dry areas of the state last week, but wet conditions continued in the northern and eastern areas, according to the North Dakota Agricultural Statistics Service. Reporters noted thunderstorms last week produced hail and small grain lodging. Spraying for wild oats and broadleaf weeds was 99 and 97 percent complete, respectively. Spraying for scab and other moisture related diseases was widely reported.

Statewide, on average, there were 4.9 days suitable for fieldwork last week. Rains slowed haying but higher temperatures improved crop condition and progress. Recent rains in the southwest district may not be enough to undo all of the symptoms of drought stress from early season lack of moisture.

Topsoil moisture supplies increased last week. They were rated 4 percent very short, 11 short, 70 adequate and 15 surplus compared to the five-year average (1999-2003) of 6 percent very short, 14 short, 70 adequate and 10 surplus.

Crops: Milk and beyond ratings for all small grain crops were behind last year and the average. Spring and durum wheat were rated 21 and 6 percent milk and beyond, compared to 38 and 18 percent last year, respectively. Soybeans were rated 7 percent blooming compared to 22 percent last year. Dry edible beans were rated 4 percent blooming compared to 19 percent last year.

Warmer weather last week moved barley and spring wheat condition above average, but late season crops remained below average. Spring wheat condition was rated 2 percent very poor, 6 poor, 20 fair, 49 good and 23 excellent compared to the average of 4 percent very poor, 6 poor, 21 fair, 54 good and 16 excellent. Durum wheat condition ratings were 2 percent very poor, 6 poor, 24 fair, 54 good and 14 excellent compared to the average of 1 percent very poor, 4 poor, 25 fair, 61 good and 9 excellent. Condition for dry edible beans, potatoes and sugarbeets declined last week. Corn condition was rated 61 percent good to excellent, up slightly from the previous week, but down compared to 78 percent last year. Soybean condition was rated 63 percent good to excellent, down from the previous week and below last year's 81 percent.

Livestock: Pastures and ranges greened up last week with rains in dry areas. Pastures and ranges were rated 14 percent very poor, 14 poor, 26 fair, 39 good and 7 excellent compared to the average of 8 percent very poor, 9 poor, 24 fair, 49 good and 11 excellent. Stockwater supplies were rated 78 percent adequate to surplus compared to 90 percent adequate to surplus last year and the average. First cutting alfalfa was 80 percent complete and other hay baling was 44 percent complete, both similar to the average. The hay crop condition was rated 42 percent good to excellent compared to 66 percent good to excellent last year.

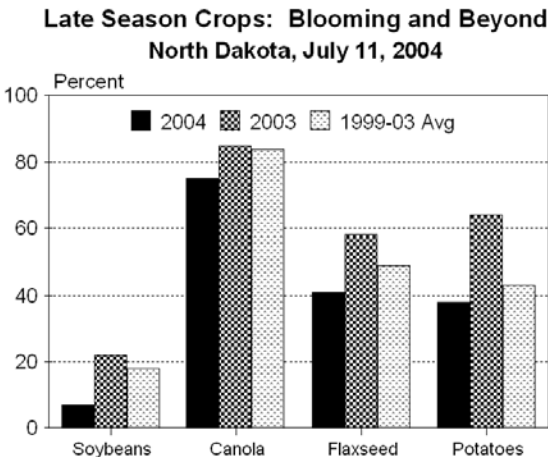
Small Grain Development Progress ^{1/} July 11, 2004 with Comparisons				
Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
BARLEY				
Jointed	97	86	99	97
Boot	85	66	91	84
Headed	68	39	78	65
Milk	19	6	43	30
DURUM WHEAT				
Jointed	79	65	89	87
Boot	57	38	68	63
Headed	36	21	47	37
Milk	6	1	18	11
HRS WHEAT				
Jointed	95	87	97	96
Boot	84	69	88	84
Headed	68	43	73	66
Milk	21	10	38	28
OATS				
Jointed	96	84	99	96
Boot	88	67	92	84
Headed	70	43	75	67
Milk	25	10	40	32

^{1/} Crop development percents represent all acreage in or beyond each stage.

Late Season Crop Development Progress ^{1/} July 11, 2004 with Comparisons				
Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
CANOLA				
Rosette	94	85	98	99
Blooming	75	54	85	84
Turning	1	NA	4	3
CORN				
Silking	0	0	3	6
DRY EDIBLE BEANS				
Blooming	4	2	19	17
FLAXSEED				
Blooming	41	23	58	49
POTATOES				
Blooming	38	10	64	43
SOYBEANS				
Blooming	7	1	22	18
Podding	0	NA	2	2
SUNFLOWER				
Blooming	0	0	1	1

^{1/} Crop development percents represent all acreage in or beyond each stage. NA = Not Available

Crop and Pasture Condition Week Ending July 11, 2004					
Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Barley	1	5	19	50	25
Durum Wheat	2	6	24	54	14
HR Spring Wheat	2	6	20	49	23
Oats	4	10	30	46	10
Canola	1	6	29	48	16
Corn, All	1	6	32	56	5
Dry Edible Beans	1	6	43	46	4
Flaxseed	0	3	29	59	9
Potatoes	1	4	36	52	7
Soybeans	1	4	32	57	6
Sugarbeets	1	3	31	57	8
Sunflower	1	6	33	55	5
Hay	17	12	29	34	8
Pasture and Range	14	14	26	39	7



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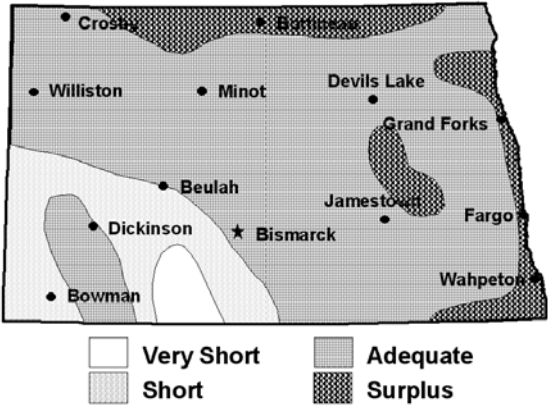
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending July 11, 2004

Soil Moisture: North Dakota, July 11, 2004

Date	Very Short	Short	Adequate	Surplus
(Percent)				
TOPSOIL				
This Week	4	11	70	15
Last Week	6	14	69	11
Last Year	4	14	69	13
1999-03 Avg	6	14	70	10
SUBSOIL				
This Week	13	15	55	17
Last Week	11	16	62	11
Last Year	4	15	69	12
1999-03 Avg	5	13	71	11

Topsoil Moisture Supplies
July 11, 2004



Weather: Much of the state remained three to eight degrees below average for this time of year. There were a couple of very warm days to start the week off then cooler air settled in for the remainder of the week. Many areas received over 1.00 inch of rain and some over 2.00 inches, however, it was not quite enough to erase the rainfall deficit.

Outlook, July 12-18: Seasonably warm weather is on tap this week. Expect daytime highs to reach the 80s with the possibility of a few 90s in the south and west. Overnight lows dropping down to the 60s will make for a very warm week. Any chance for significant rainfall will happen early in the week leaving the remainder of the week fairly dry with just a slight chance of precipitation during the weekend.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 11, 2004

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F)			(Inches)		
Northwest (1)	67	-3	1.29	7.23	-0.26
N. Central (2)	66	-3	0.58	8.95	0.75
Northeast (3)	66	-4	0.67	7.68	-0.20
W. Central (4)	68	-4	0.69	4.30	-4.13
Central (5)	65	-7	1.11	9.58	1.07
E. Central (6)	63	-8	1.59	8.74	0.19
Southwest (7)	69	-1	0.93	3.98	-4.42
S. Central (8)	69	-3	0.89	5.18	-2.79
Southeast (9)	67	-5	1.29	9.77	1.13

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND
Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 11, 2004

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F)			(Inches)		
(1) Bowbells	86	48	0.93	7.29	-0.13
Williston	88	46	1.58	5.76	-0.80
Mohall	83	48	2.33	9.04	1.28
Minot	87	48	0.32	6.81	-1.40
(2) Baker	83	50	0.38	9.04	-0.30
Bottineau	84	45	0.59	8.97	0.99
Rugby	85	46	0.76	8.85	1.57
(3) Cando	84	47	0.63	7.46	-0.35
Cavalier	86	47	0.59	8.37	0.18
Forest River	85	48	0.50	6.69	-1.40
Grand Forks	86	42	1.16	6.96	-0.65
Langdon	83	48	0.55	8.44	0.97
St. Thomas	86	49	0.57	8.17	0.08
(4) Hazen	91	43	0.50	3.36	-5.54
Turtle Lake	88	46	0.86	4.92	-3.67
Watford City	90	49	0.71	4.63	-3.17
(5) Carrington	83	44	1.01	8.79	0.41
Harvey	85	48	0.42	7.48	-1.00
Jamestown	84	44	2.49	13.09	5.02
Robinson	83	47	1.09	9.07	0.58
Streeter	85	44	0.52	9.49	0.35
(6) Dazey	83	42	0.52	8.42	-0.49
Fargo	85	44	2.44	9.47	1.41
Hillsboro	85	41	1.80	8.32	-0.34
(7) Beach	89	48	1.01	3.12	-4.38
Bowman	90	48	0.15	4.63	-3.65
Dickinson	91	48	1.13	3.72	-5.04
Hettinger	91	49	1.41	4.45	-4.60
(8) Mandan	91	49	0.47	4.05	-3.37
Linton	90	48	1.30	6.30	-2.20
(9) Edgeley	90	44	0.35	9.05	-0.09
Oakes	89	44	1.23	8.90	0.53
Wyndmere	89	47	2.29	11.36	2.95

^{1/} Normal is the 1961-90 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.